

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
30 June 2005 (30.06.2005)

PCT

(10) International Publication Number
WO 2005/058336 A1

(51) International Patent Classification⁷: A61K 35/78, A61P 35/00, 15/12, 19/10, 5/24, 9/10

(21) International Application Number: PCT/BE2004/000176

(22) International Filing Date: 15 December 2004 (15.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 03447290.2 16 December 2003 (16.12.2003) EP

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/058336 A1

(54) Title: PRODUCTION OF HOP EXTRACTS HAVING OESTROGENIC AND ANTIPROLIFERATIVE BIOACTIVITY

(57) Abstract: The present invention relates to a method for the production of a hop extract which is enriched in 8-prenylnaringenin with respect to 6-prenylnaringenin, which method comprises the steps of subjecting a hop product to (1) an isomerisation reaction in the presence of water as a solvent and in the presence of an amount of a base and (2) to at least one extraction. In that way a hop extract may be obtained which contains 6-prenylnaringenin and 8-prenylnaringenin in a ratio (8-prenylnaringenin x 100%)/(8-prenylnaringenin + 6prenylnaringenin) of at least 50%. The extract preferably also contains xanthohumol, the weight ratio of xanthohumol to 8-prenylnaringenin being at least 10.